PARTIAL VIEW OF EXHAUST  
FOR PC. NO. 287376

The SR-2 is a key valve in the "121" Trailer Air Brake System. Generally installed in the required spring brake release reservoir, it is responsible for controlling the application and release of the spring brakes both during emergency situations and normal parking. It protects and isolates the spring brake reservoir, preventing automatic brake application in the event of trailer service system failure. The SR-2 also provides the ability to release the trailer spring brakes at least once subsequent to their application.

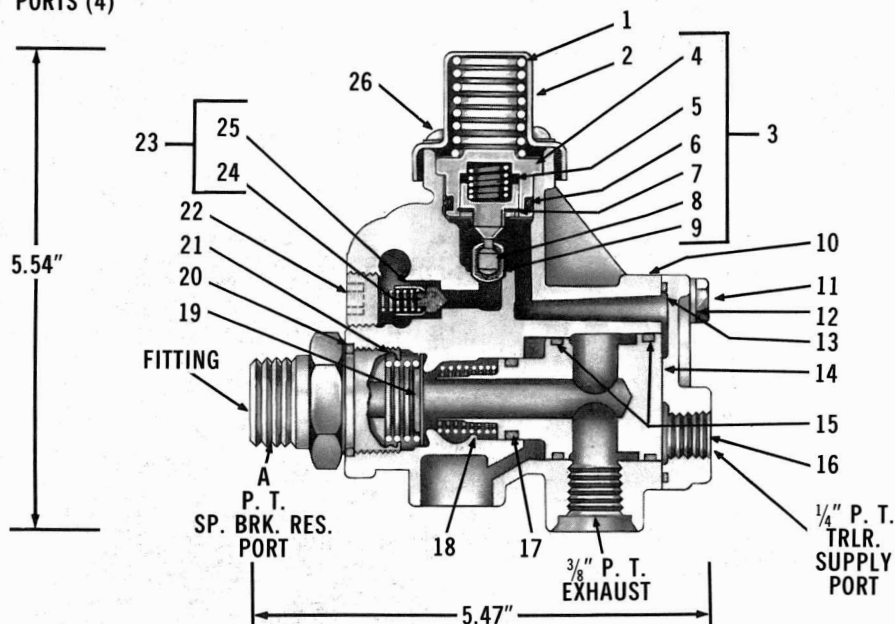
For Service/Maintenance information, see Service Data Sheet SD-03-43.

MAINTENANCE KIT PC. NO. 287691.

WEIGHT - 2.6 LBS.

VMRS NO. IS 13-010-048.

DEVICE CODE IS 4510.



## COMMON SERVICE PARTS

| NO. | PC. NO. | QUAN. | DESCRIPTION           | NO. | PC. NO. | QUAN. | DESCRIPTION                 |
|-----|---------|-------|-----------------------|-----|---------|-------|-----------------------------|
| 1   | A       | 1     | Spring                | 14  | 291156  | 1     | Control Piston              |
| 2   | 290505  | 1     | Spring Retainer       | 15  | A       | 2     | O-Ring                      |
| 3   | A       | 1     | Piston Assy.          | 16  | 291157  | 1     | Cover                       |
| 4   | A       | 1     | Piston                | 17  | A       | 1     | O-Ring                      |
| 5   | A       | 1     | Inlet Valve Spring    | 18  | A       | 1     | Spring                      |
| 6   | A       | 1     | O-Ring                | 19  | A       | 1     | Valve (Includes Cup 238381) |
| 7   | A       | 1     | Retaining Ring        | 20  | A       | 1     | O-Ring                      |
| 8   | A       | 1     | Stem                  | 21  | A       | 1     | Inlet Valve Spring          |
| 9   | A       | 1     | Inlet & Exhaust Valve | 22  | 233057  | 2     | Pipe Plug, 3/8"             |
| 10  | 291154  | 1     | Body                  | 23  | A       | 2     | Check Valve Assy.           |
| 11  | 203706  | 4     | Cap Screw             | 24  | A       | 2     | Check Valve                 |
| 12  | 202981  | 4     | Lock Washer           | 25  | A       | 2     | Check Valve Spring          |
| 13  | A       | 1     | Sealing Ring          | 26  | 243683  | 4     | Machine Screw               |

A - Furnished in Maintenance Kit 287691

## SUB ASSY. AND DETAIL REFERENCE

| SR-2 TRAILER<br>SPRING BRAKE<br>VALVE<br>PC. NO. | FOR SERVICE<br>OR REMFR.<br>EXCH. USE<br>PC. NO. | RETAINER<br>PC. NO. | DIAPHRAGM<br>PC. NO. | WASHER<br>PC. NO. | SCREW<br>PC. NO. | FITTING<br>PC. NO. | A<br>PIPE TAD<br>SIZE |
|--|--|---------------------|----------------------|-------------------|------------------|--------------------|-----------------------|
| 287375   | 287376   | NONE                | NONE                 | NONE              | NONE             | 291159             | 3/4                   |
| 287376   | 287376   | 246367              | 246368               | 246369            | 246370           | 291159             | 3/4                   |
| B288497  | 288497   | NONE                | NONE                 | NONE              | NONE             | 292048             | 1/2                   |

B - Add Two (2) Pipe Plug, 238807 (3/8) in two bottom del. ports.